



# NITFS Compliance Registration



**Product:** General Atomics NITFS Library, Version 1.6 (Software Development) **Date:** 11 April 2006

**Spawner:** Air Code 4.5.5

**Expiration:** 10 April 2008

**Registration #:** 3011

**Developer:** Atomics

- ☐ Initial Registration  
☒ Supplemental/Update # 3009  
☐ Derived from Reg. #

## System

N-0105/98, §4.1.1

## Product

N-0105/98, §4.1.2

## Component

N-0105/98, §4.1.3

## NITFS Features Implemented:

### Format

- ☒ NITF  
☒ V2.1  
☐ V2.0  
☐ V1.1  
☐ NSIF  
☐ V1.0

### Pixel Value Types

- ☐ Boolean  
☒ Integer  
☐ Signed Integer \*  
☐ IEEE Real \*  
☐ IEEE Complex \*

### Annotation Segment Types

- ☐ Bit Mapped \*\*  
☐ CCM, 2301  
☐ CCM, 2301A  
☐ Labels \*\*

### Text Segments

- ☐ STA  
☐ TT1  
☐ U8S  
☐ MTF

### Image Segment Types

- ☒ MONO  
☐ RGB  
☐ RGB/LUT  
☐ YCbCr  
☒ MULTI  
☐ NODISPLAY  
☐ POLAR

### Image Compression

- ☒ Not Compressed  
☐ JPEG Lossy, 8-bit  
☐ JPEG Lossy, 12-bit  
☐ JPEG Downsampling  
☐ JPEG Lossless  
☐ JPEG 2000  
☐ Bi-Level  
☐ Vector Quantization  
☐ Multispectral JPEG, Individual Band

### Data Extension Segments

- ☐ PRE\_OVERFLOW  
☐ STREAMING\_FILE\_HEADER  
☐ Controlled Extensions \*\*  
☐ Registered Extensions \*\*

### Tagged Record Extensions

- ☒ CFTB  
☒ IMIDB  
☒ LOCKA  
☒ METAA

Complexity Level							
NITF 2.1 CLEVEL	3	5	6	7	Oth		
Interpret							
Generate						9	
NITF 2.0 CLEVEL	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

The General Atomics NITFS Library, Version 1.6 runs on a 3.4 GHz Pentium 4, 2 GB RAM, 80 GB hard drive, running Windows XP Professional, Service Pack 2

- Legend
- Interpret  
Generate
- ☒ Fully implemented  
☐ Partially implemented  
☐ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of the product for the intended use. Optional NITFS features may not be implemented.

EDWARD E. BOYLES II, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program